

④ EDGEDRAIN SHALL BE LAID PARALLEL TO THE GRADE OF ROADWAY.



STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

*Edgedrain Outlet and Outfall Markers***References:**[FDM 14-5-5](#)**Bid items associated with this drawing:**

<u>ITEM NUMBER</u>	<u>DESCRIPTION</u>	<u>UNIT</u>
310.0110	Base Aggregate Open-Graded	TON
310.0115	Base Aggregate Open-Graded	CY
612.0106	Pipe Underdrain 6-Inch	LF
612.0206	Pipe Underdrain Unperforated 6-Inch	LF
612.0806	Apron Endwalls for Underdrain Reinforced Concrete 6-Inch	EACH
645.0111	Geotextile Type DF Schedule A	SY
646.5520	Marking Outfall Epoxy	EACH

Standardized Special Provisions associated with this drawing:

<u>STSP NUMBER</u>	<u>TITLE</u>
646-035	Pavement Marking Outfall

Other SDDs associated with this drawing:

SDD 8F6	Reinforced Concrete Apron Endwall
SDD 8D15	Edgedrains sheet "b"
SDD 8D15	Edgedrains sheet "c"

Design Notes:

Geotextile Type DF Schedule A must be used unless otherwise justified.

Contact Person:

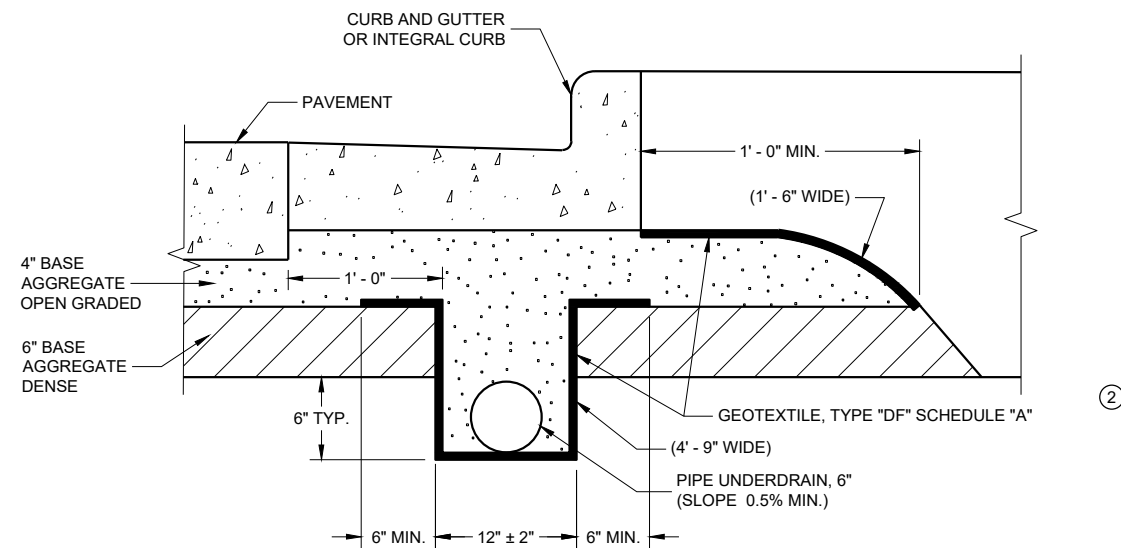
Peter Kemp (608) 246-5393

GENERAL NOTES

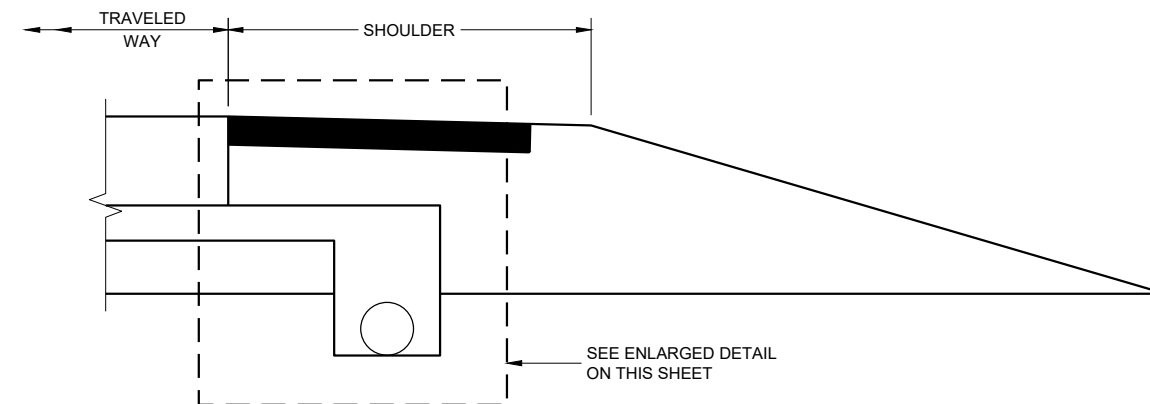
THE DIMENSIONS SHOWN ON THE TYPICAL CROSS SECTIONS WILL GOVERN IN THE EVENT THERE IS A CONFLICT WITH THE DETAILS SHOWN ON THIS DRAWING.

PIPE UNDERDRAIN SHALL BE LAID PARALLEL TO THE GRADE OF THE ROADWAY.

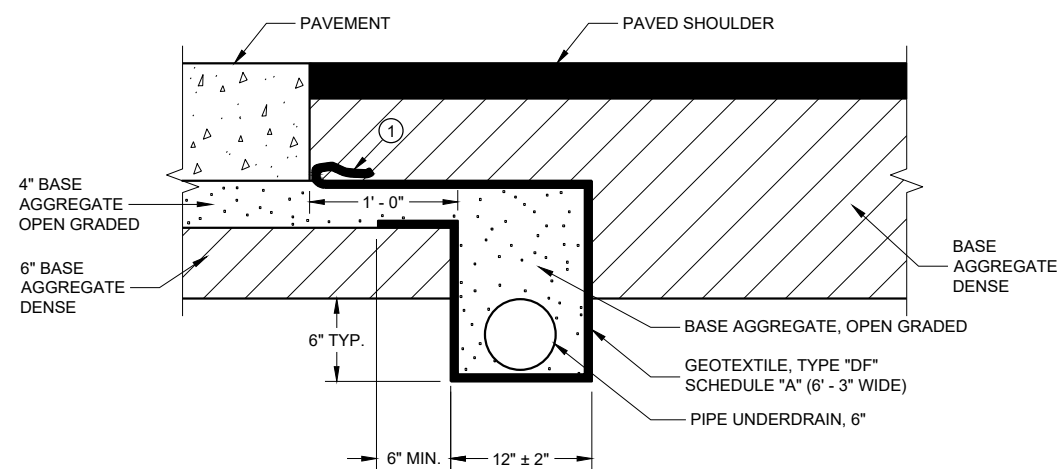
- ① FOLD OVER EXCESS GEOTEXTILE AT THIS LOCATION.
- ② TOTAL GEOTEXTILE WIDTH IS 6'-3" FOR PAYMENT.



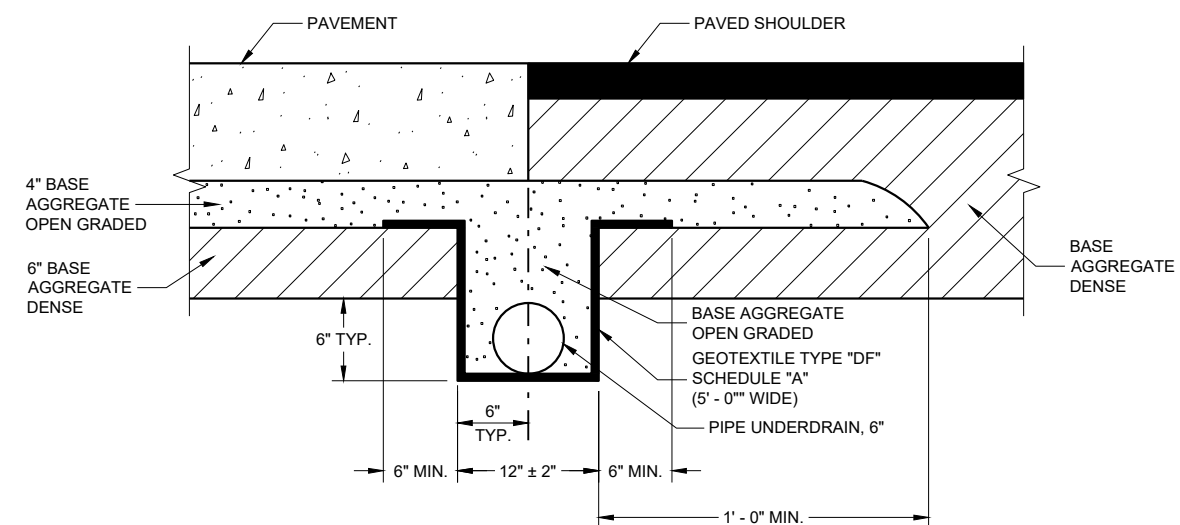
EDGEDRAIN IN URBAN ROADWAY



RURAL CROSS SECTION



POST PAVING INSTALLATION
(QUANTITIES ARE BASED ON THIS DETAIL)



PRE-PAVING INSTALLATION ALTERNATIVE

**EGEDRAIN AND BASE
AGGREGATE OPEN GRADED**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

*Edgedrain and Base Aggregate Open Graded***References:**[FDM 14-5-5](#)**Bid items associated with this drawing:**

<u>ITEM NUMBER</u>	<u>DESCRIPTION</u>	<u>UNIT</u>
310.0110	Base Aggregate Open-Graded	TON
310.0115	Base Aggregate Open Graded	CY
612.0106	Pipe Underdrain 6-Inch	LF
612.0206	Pipe Underdrain Unperforated 6-Inch	LF
612.0806	Apron Endwalls for Underdrain Reinforced Concrete 6-Inch	EACH
645.0111	Geotextile Type DF Schedule A	SY

Standardized Special Provisions associated with this drawing:

NONE

Other SDDs associated with this drawing:[SDD 8D15](#) Edgedrains sheet "a" is required.**Design Notes:**

Refer to the [FDM 14-5-5](#) for base aggregate open graded guidelines. For computing geotextile Type DF Schedule A quantities for the Engineers Estimate use:

6'-3" widths/side for Rural Post Paving Installation.

6'-3" widths/side for Urban Paving Installation.

5'-0" widths/side for Rural Pre-Paving Installation.

Geotextile Type DF Schedule A must be used unless otherwise justified.

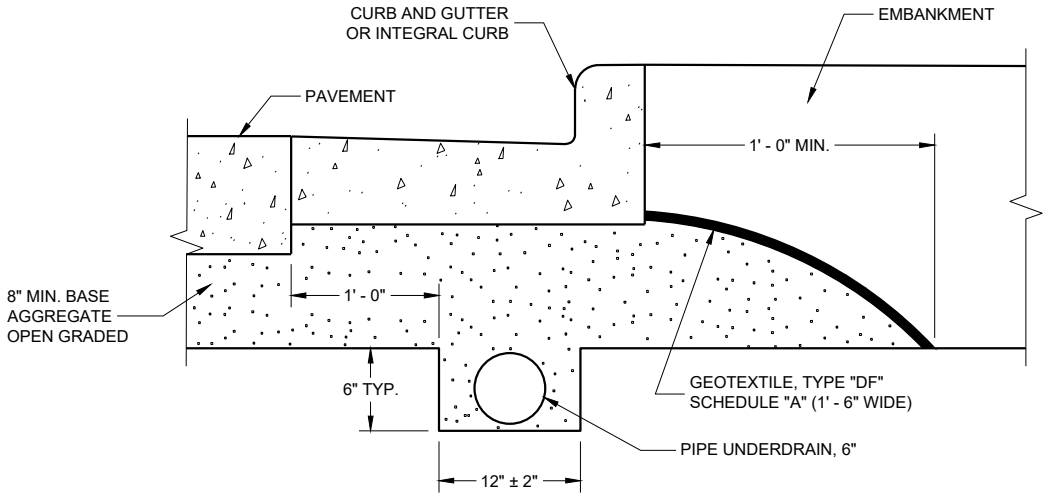
Contact Person:

Peter Kemp (608) 246-5393

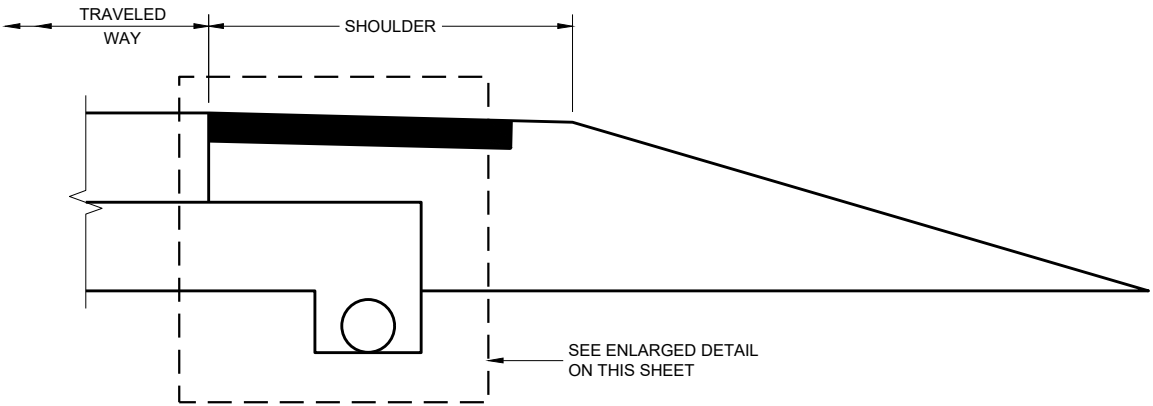
GENERAL NOTES

THE DIMENSIONS SHOWN ON THE TYPICAL CROSS SECTIONS WILL GOVERN IN THE EVENT THERE IS A CONFLICT WITH THE DETAILS SHOWN ON THIS DRAWING.

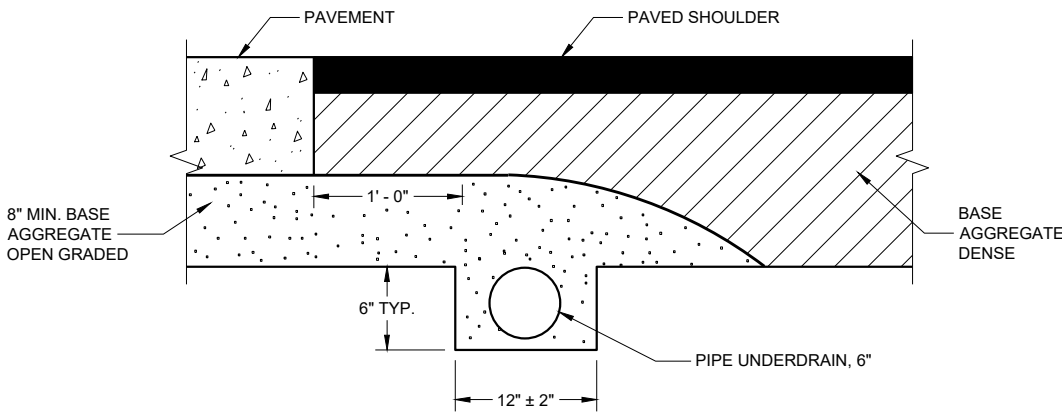
PIPE UNDERDRAIN SHALL BE LAID PARALLEL TO THE GRADE OF THE ROADWAY.



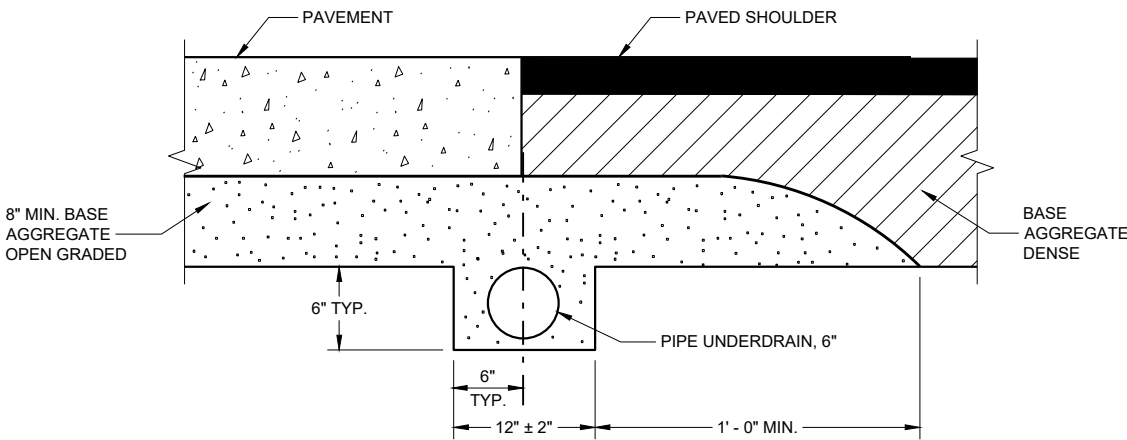
EDGEDRAIN IN URBAN ROADWAY



RURAL CROSS SECTION



POST PAVING INSTALLATION
(QUANTITIES ARE BASED ON THIS DETAIL)



PRE-PAVING INSTALLATION ALTERNATIVE

EDGEDRAIN IN RURAL ROADWAY

**EDGEDRAIN AND BASE
AGGREGATE OPEN GRADED**

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
September 2015 /S/ Peter Kemp, P.E.
DATE PAVEMENT SUPERVISOR

FHWA

*Edgedrain and Base Aggregate Open Graded***References:**[FDM 14-5-5](#)**Bid items associated with this drawing:**

<u>ITEM NUMBER</u>	<u>DESCRIPTION</u>	<u>UNIT</u>
310.0110	Base Aggregate Open-Graded	TON
310.0115	Base Aggregate Open-Graded	CY
612.0106	Pipe Underdrain 6-Inch	LF
612.0206	Pipe Underdrain Unperforated 6-Inch	LF
612.0806	Apron Endwalls for Underdrain 6-Inch Reinforced Concrete	EACH
645.0111	Geotextile Type DF Schedule A	SY

Standardized Special Provisions associated with this drawing:

NONE

Other SDDs associated with this drawing:[SDD 8D15](#) Edgedrains sheet "a" is required.**Design Notes:**

Refer to the [FDM 14-5-5](#) for base aggregate open graded guidelines. This drawing applies when base aggregate open graded is placed directly on the granular subgrade.

For computing geotextile Type DF Schedule A quantities for the Engineers Estimate use:

1'-6" widths/side for Urban Paving Installation

Geotextile Type DF Schedule A must be used unless otherwise justified.

Contact Person:

Peter Kemp (608) 246-5393